

9.2 Pacific HMS Fisheries Data Responsibilities

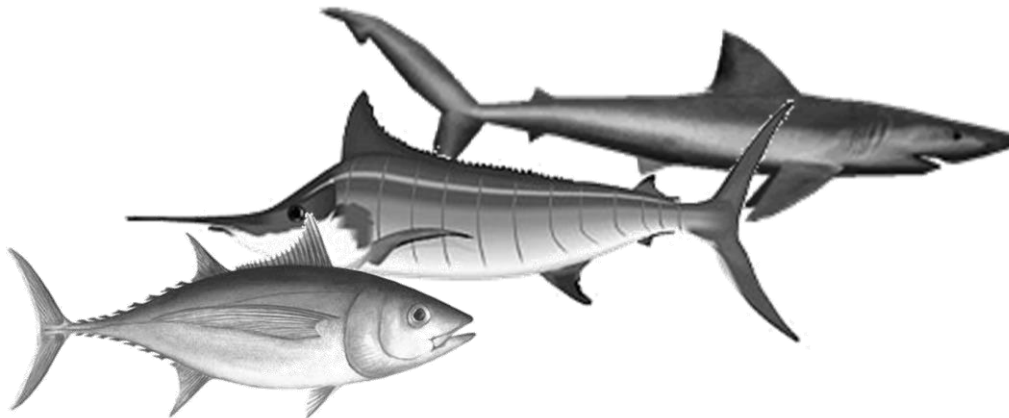


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Pacific HMS Fisheries

Distant Water Fisheries

- North Pacific Albacore troll
- South Pacific Albacore troll
- WCPO Purse Seine
- EPO Purse Seine (large vessels)
- Longline

Coastal Fisheries

- Drift Gillnet
- Harpoon
- EPO Purse Seine (small vessels)
- Sport

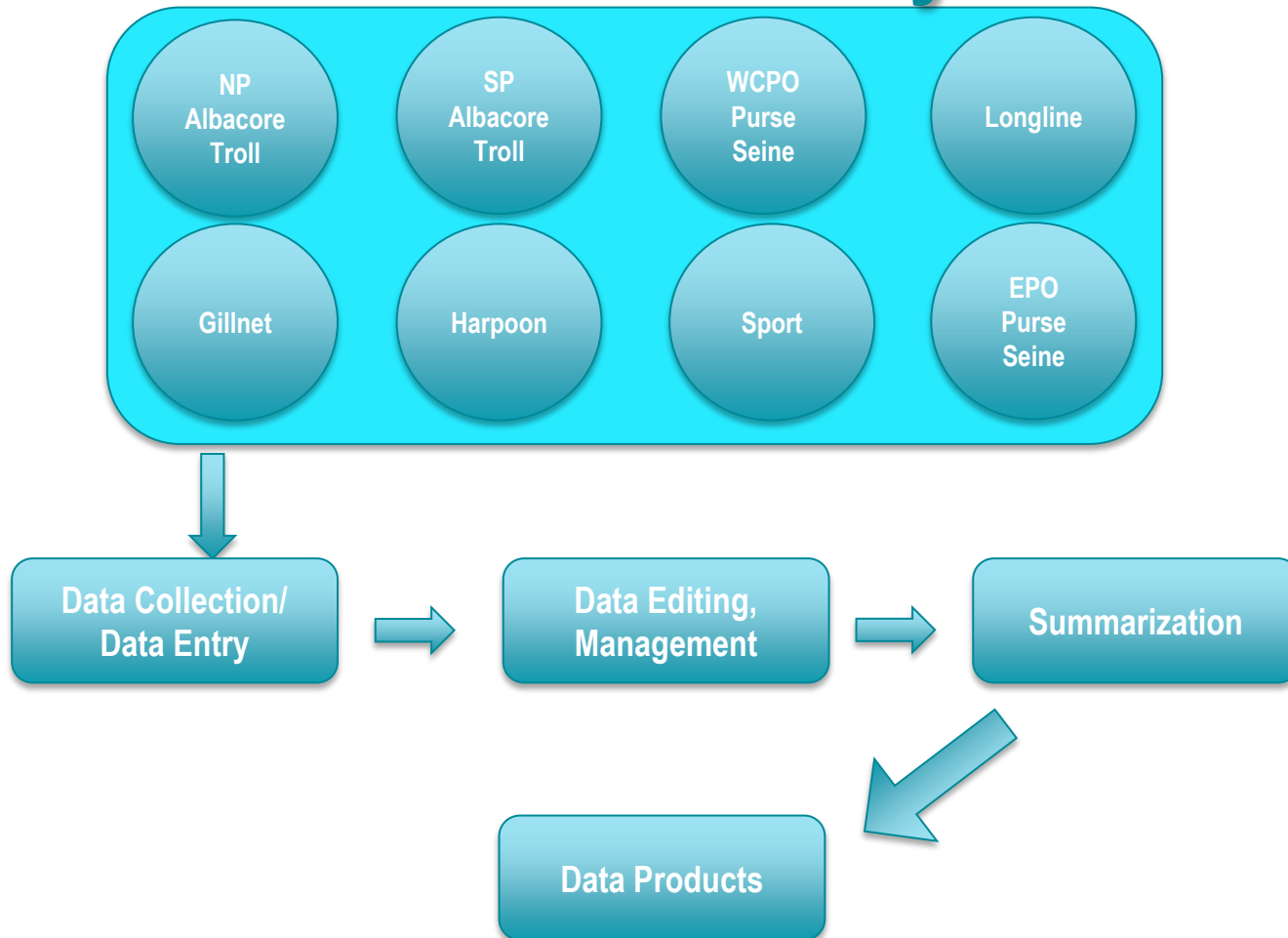


Pacific HMS Fisheries Data Sets

Fishery	Landings	Logbooks	Size Composition	Observer
North Pacific Albacore Troll	P/S	F	D	
South Pacific Albacore Troll	?	F		
WCPO Purse Seine	C	I	D	I
EPO Purse Seine	C/P	I	D	I
Longline	H	F	O	F
Drift Gillnet	P	S	O	F
Harpoon	P	S		
California HMS Sport		S	D (PBF)	
Albacore Sport (OR/WA)		F		
LEGEND	P – PacFIN C – cannery H - Hawaii	F – federal S – state I - international	O – observer D – dock-side	



HMS Data Lifecycle



Data Products

- RFMO data submissions :
 - Annual number of vessels
 - Annual catch and bycatch by species
 - Detailed catch and effort
 - Size composition
- RFMO working papers
- RFMO national reports and reports required by various resolutions and conservation management measures
- Bi-monthly submissions to FFA required by SPTT
- Fisheries statistics tables for USA-Canada albacore treaty data working group
- Council HMS SAFE report
- Total landings and number of vessels for FUS
- Annual summary of the North Pacific and South Pacific albacore troll fisheries
- Ad Hoc data requests



Data Sources

Landings

- Cannery reports
- PacFIN
- Foreign fisheries agency reports

Logbooks

- Voluntary submission (historical)
- FMP mandate (2005)
- State fisheries agencies

Size and Species composition sampling

- PIRO port sampling in American Samoa
- PSMFC albacore port sampling
- Historical State port sampling



Customers

Stock assessment groups

Three Pacific RFMOs

- ISC
- IATTC
- WCPFC

Councils

International treaties

- SPTT
- USA-Canada Albacore

MSC

- albacore troll certification

NMFS reports

- FUS

Industry and other constituents

- Annual albacore troll fishery summary





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Strengths

- Years of business knowledge
- Enterprise database with powerful data management capabilities

Challenges

- Archaic data architecture
- No control over how data are collected
- Increasing reporting requirements
- Loss of resources result in not meeting reporting requirements and loss of information for assessments.
- Budget cuts to data entry funding results in more costly data entry along with loss of time to commit to other, higher priority efforts.

Strategies

- Incorporate new innovative collection and management techniques (electronic reporting options, web services, ...)
- Business process improvements using Quality Management concepts
- Relate data sets at the point of collection.



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Challenges

